

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 January 2005 (13.01.2005)

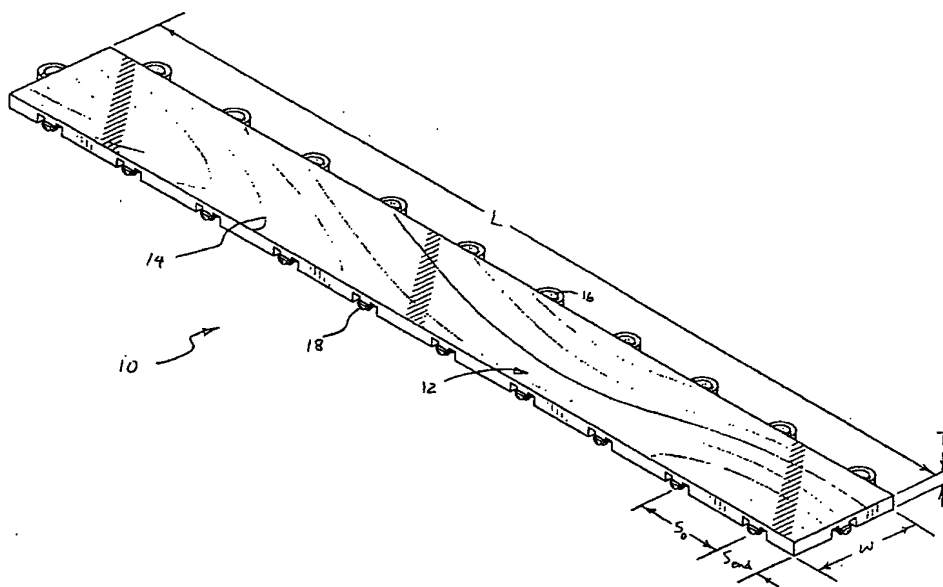
PCT

(10) International Publication Number  
**WO 2005/003487 A2**

- (51) International Patent Classification<sup>7</sup>: **E04F** 2700 South #4, Salt Lake City, UT 84106 (US). **ANDES, Brad** [US/US]; 3571 South Huntington Drive, Bountiful, UT 84010 (US). **SHAPIRO, Jeremiah** [US/US]; 3361 South Timerson Drive, West Valley City, UT 84124 (US).
- (21) International Application Number: PCT/US2004/020471
- (22) International Filing Date: 24 June 2004 (24.06.2004) (74) Agents: **NORTH, Vaughn, W.** et al.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/482,103 24 June 2003 (24.06.2003) US
- (71) Applicant (for all designated States except US): **SPORT COURT, INC.** [US/US]; 939 South 700 West, Salt Lake City, UT 84104 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **FORSTER, Cheryl, M.** [US/US]; 3680 East Ceres Drive, Salt Lake City UT 84124 (US). **CARLING, Jason, D.** [US/US]; 8411 Rayworth Trail, Powell, TN 37849 (US). **JUGLER, Frank, A.** [US/US]; 4534 Toulouse Street, West Valley City, UT 84120 (US). **JENKINS, Mark, L.** [US/US]; 1211 East
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: INTERLOCKING FLOORBOARD TILE SYSTEM AND METHOD OF MANUFACTURE



(57) Abstract: An interlocking polymer floorboard tile (10) comprises an elongate rectangular plank having a length (L) that is at least four times its width (w). The elongate tile includes a top surface (12), a perimeter wall (26) and lattice-type support structure (28) supporting the top surface, and interlocking structure of loops (16) and pins (18) configured to mate and interlock with pins of adjacent similar tiles to form a floor covering resembling a natural wood plank floor. The top surface (12) may include a wood grain pattern imprinted thereon, to enhance the appearance of a natural wood plank.

WO 2005/003487 A2



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *without international search report and to be republished upon receipt of that report*